

Southern California Edison Company



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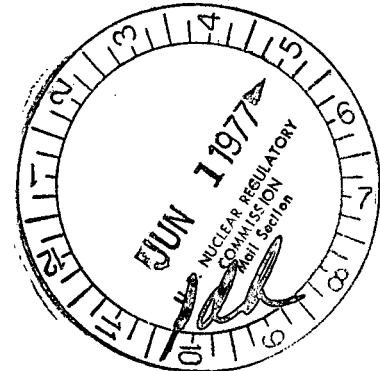
J. T. HEAD, JR.  
VICE PRESIDENT

TELEPHONE  
213-572-1472

May 11, 1977

REGULATORY DOCKET FILE COPY

Mr. R. H. Engelken, Director  
Region V  
U.S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Walnut Creek Plaza, Suite 202  
1990 North California Boulevard  
Walnut Creek, California 94595



Dear Mr. Engelken:

Docket No. 50-206  
San Onofre Unit 1

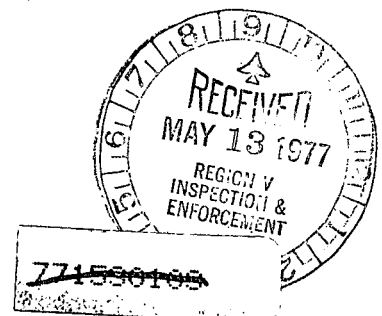
An occurrence defined in the Environmental Technical Specifications (Section 5.6.3.b. (3) (a)) as reportable was determined to have happened at the San Onofre Nuclear Generating Station Unit 1 on April 21, 1977. The purpose of this letter is to report the details of that occurrence.

Specification 3.1.1.a. (5) of Appendix B to the San Onofre Unit 1 Provisional Operating License establishes, in part, that proper system operation of the two offshore continuous water temperature recording systems be verified once every two weeks. Each of the two temporary continuous temperature recording systems consists of sensing devices that record water temperature near the sea surface, midwater, and near the bottom.

During a scheduled operation verification check on April 21, it was discovered that one temperature sensor had been lost during the previous two weeks resulting in a two-week period of missing data. The sensor was at the Zone 6 system's near-surface location.


The lost sensor was replaced when discovered. The other five sensors were also checked at that time and found to be operating properly.

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Since the sensor could not be located in the vicinity of the buoy and no unusual surf activity had occurred, the loss of this sensor may be the result of an act of vandalism. The hardware attaching the sensors to the anchor chain will be improved. This corrective action will be completed by June 15, 1977.

Very truly yours,



cc: Director, Division of Reactor Licensing  
Director, Office of Inspection & Enforcement (20)  
Director, Office of Management Information & Program Control (2)

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